

NOV 02 2007

Application No.: 10/633,887
Response dated 2 November 2007
Reply to Office Action of August 2, 2007

132497-1

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the Application.

Listing of Claims:

1. (Canceled)

2. (Canceled)

3. (Currently Amended) The composition of claim 41 ~~4~~, wherein the aluminum powder comprises substantially spherical powder particles.

4. (Original) The composition of claim 3, wherein the substantially spherical powder particles have an average particle size in the range of about 0.5 micron to about 200 microns.

5. (Original) The composition of claim 4, wherein the powder particles have an average particle size in the range of about 1 micron to about 50 microns.

6. (Canceled)

7. (Canceled)

8. (Previously Presented) The composition of claim 41, wherein the epoxy resin comprises bisphenol A.

Claims 9-12 (Canceled)

13. (Currently Amended) The composition of claim 41 ~~4~~, wherein the amount of aluminum in the composition is in the range of about 0.5% by weight to about 45% by weight.

Application No.: 10/633,887
Response dated 2 November 2007
Reply to Office Action of August 2, 2007

132497-1

14. (Canceled)

15. (Currently Amended) The composition of claim 41 ~~4~~, wherein the aluminum-based powder further comprises at least one metal selected from the group consisting of platinum group metals, rare earth metals, scandium, yttrium, iron, chromium, and cobalt.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Currently Amended) The composition of claim 41 ~~4~~, further comprising at least one material selected from the group consisting of pigments, diluents, curing agents, deflocculants, dispersants, anti-settling agents, surfactants, anti-foam agents, driers, extenders, and lubricants.

Claims 20-40 (Canceled)

41. (Previously Presented) An organic-based aluminizing composition, comprising an aluminum-based powder and at least one epoxy resin, wherein the powder comprises an alloy of aluminum and silicon.

42. (Previously Presented) A metal substrate, having the aluminizing composition of claim 41 disposed on at least a portion of its surface.

43. (Previously Presented) The metal substrate of claim 42, in the form of a turbine engine component.

44. (Canceled)

45. (Previously Presented) The turbine engine component of claim 43, comprising a nickel-based superalloy.